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P31667-P0

PCT REQUEST

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| | | |
|---------|--|---|
| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.07.2003) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | Japan Patent Office (RO/JP) |
| 0-7 | Applicant's or agent's file reference | P31667-P0 |
| I | Title of invention | HOME TERMINAL APPARATUS AND COMMUNICATION SYSTEM |
| II | Applicant | |
| II-1 | This person is: | applicant only |
| II-2 | Applicant for | all designated States except US |
| II-4 | Name | MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. |
| II-5 | Address: | 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan |
| II-6 | State of nationality | JP |
| II-7 | State of residence | JP |
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is: | applicant and inventor |
| III-1-2 | Applicant for | US only |
| III-1-4 | Name (LAST, First) | AIZU, Kazuhiro |
| III-1-5 | Address: | 14-136, Miyukihiigashi-machi 3-chome, Neyagawa-shi, Osaka 572-0055 Japan |
| III-1-6 | State of nationality | JP |
| III-1-7 | State of residence | JP |

ATTACHMENT A

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| | | |
|---------|----------------------------------|--|
| III-2 | Applicant and/or inventor | |
| III-2-1 | This person is: | applicant and inventor |
| III-2-2 | Applicant for | US only |
| III-2-4 | Name (LAST, First) | SHINTANI, Yasuyuki |
| III-2-5 | Address: | 6-18-302, Koshienguchi 2-chome, Nishinomiya-shi, Hyogo 663-8114 Japan |
| III-2-6 | State of nationality | JP |
| III-2-7 | State of residence | JP |
| III-3 | Applicant and/or inventor | |
| III-3-1 | This person is: | applicant and inventor |
| III-3-2 | Applicant for | US only |
| III-3-4 | Name (LAST, First) | TSUCHIDA, Shinichi |
| III-3-5 | Address: | 1-35-909, Mizuo 2-chome, Ibaraki-shi, Osaka 567-0891 Japan |
| III-3-6 | State of nationality | JP |
| III-3-7 | State of residence | JP |
| III-4 | Applicant and/or inventor | |
| III-4-1 | This person is: | applicant and inventor |
| III-4-2 | Applicant for | US only |
| III-4-4 | Name (LAST, First) | MATSUI, Jiro |
| III-4-5 | Address: | 1-21, Myouden 5-chome, Ichikawa-shi, Chiba 272-0111 Japan |
| III-4-6 | State of nationality | JP |
| III-4-7 | State of residence | JP |
| III-5 | Applicant and/or inventor | |
| III-5-1 | This person is: | applicant and inventor |
| III-5-2 | Applicant for | US only |
| III-5-4 | Name (LAST, First) | YATABE, Tamotsu |
| III-5-5 | Address: | 6-18-314, Michinobechuou 1-chome, Kamagaya-shi, Chiba 273-0113 Japan |
| III-5-6 | State of nationality | JP |
| III-5-7 | State of residence | JP |
| III-6 | Applicant and/or inventor | |
| III-6-1 | This person is: | applicant and inventor |
| III-6-2 | Applicant for | US only |
| III-6-4 | Name (LAST, First) | NISHIRA, Masatoshi |
| III-6-5 | Address: | 115-3, Okumoto-cho 2-chome, Sakai-shi, Osaka 591-8007 Japan |
| III-6-6 | State of nationality | JP |
| III-6-7 | State of residence | JP |

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| | | |
|---------|--|--|
| III-7 | Applicant and/or inventor | |
| III-7-1 | This person is: | |
| III-7-2 | Applicant for | |
| III-7-4 | Name (LAST, First) | |
| III-7-5 | Address: | |
| III-7-6 | State of nationality | |
| III-7-7 | State of residence | |
| III-8 | Applicant and/or inventor | |
| III-8-1 | This person is: | |
| III-8-2 | Applicant for | |
| III-8-4 | Name (LAST, First) | |
| III-8-5 | Address: | |
| III-8-6 | State of nationality | |
| III-8-7 | State of residence | |
| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | |
| IV-1-1 | Name (LAST, First) | |
| IV-1-2 | Address: | |
| IV-1-3 | Telephone No. | |
| IV-1-4 | Facsimile No. | |
| IV-1-5 | e-mail | |

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| V | Designation of States | |
|--------|---|--|
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | <p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p> |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 06 September 2002 (06.09.2002) |
| VI-1-2 | Number | patent application No.2002-261590 |
| VI-1-3 | Country | JP |

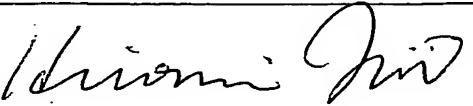
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| | | | |
|--------|--|---------------------------------------|-----------------------------|
| VI-2 | Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1 | |
| VII-1 | International Searching Authority Chosen | European Patent Office (EPO) (ISA/EP) | |
| VIII | Declarations | Number of declarations | |
| VIII-1 | Declaration as to the identity of the inventor | - | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | - | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | - | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | |
| IX | Check list | number of sheets | |
| IX-1 | Request (including declaration sheets) | 6 | electronic file(s) attached |
| IX-2 | Description | 35 | - |
| IX-3 | Claims | 12 | - |
| IX-4 | Abstract | 1 | EZABST00.TXT |
| IX-5 | Drawings | 13 | - |
| IX-7 | TOTAL | 67 | |
| IX-8 | Accompanying items | paper document(s) attached | electronic file(s) attached |
| IX-8 | Fee calculation sheet | ✓ | - |
| IX-9 | Original separate power of attorney | ✓ | - |
| IX-17 | PCT-EASY diskette | - | Diskette |
| IX-18 | Other (specified): Revenue stamps of transmittal fee for receiving office | | - |
| IX-18 | Other (specified): Submission of certificate of payment for search fee | | - |
| IX-18 | Other (specified): Submission of certificate of payment for international fee | | - |
| IX-19 | Figure of the drawings which should accompany the abstract | 2 | |
| IX-20 | Language of filing of the international application | English | |

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| | | |
|-------|--|--|
| X-1 | Signature of applicant, agent or common representative |  |
| X-1-1 | Name (LAST, First) | NII, Hiromori |

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| | | |
|--------|---|--------|
| 10-1 | Date of actual receipt of the purported international application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/EP |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

FOR INTERNATIONAL BUREAU USE ONLY

| | | |
|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau | |
|------|--|--|

PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

| | | | | |
|--------|--|---|---------------------|----------------|
| 0 | For receiving Office use only | | | |
| 0-1 | International Application No. | | | |
| 0-2 | Date stamp of the receiving Office | | | |
| 0-4 | Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet Prepared using | PCT-EASY Version 2.92 (updated 01.07.2003) | | |
| 0-9 | Applicant's or agent's file reference | P31667-P0 | | |
| 2 | Applicant | MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., et al. | | |
| 12 | Calculation of prescribed fees | fee amount/multiplier | Total amounts (JPY) | |
| 12-1 | Transmittal fee | T | ⇒ | 18,000 |
| 12-2-1 | Search fee | S | ⇒ | 129,500 |
| 12-2-2 | International search to be carried out by | EP | | |
| 12-3 | International fee | | | |
| | Basic fee (first 30 sheets) | b1 | 54,000 | |
| 12-4 | Remaining sheets | 37 | | |
| 12-5 | Additional amount (X) | 1,200 | | |
| 12-6 | Total additional amount | b2 | 44,400 | |
| 12-7 | b1 + b2 = | B | 98,400 | |
| 12-8 | Designation fees | | | |
| | Number of designations contained in international application | 97 | | |
| 12-9 | Number of designation fees payable (maximum 5) | 5 | | |
| 12-10 | Amount of designation fee (X) | 11,600 | | |
| 12-11 | Total designation fees | D | 58,000 | |
| 12-12 | PCT-EASY fee reduction | R | -16,600 | |
| 12-13 | Total International fee (B+D-R) | I | ⇒ | 139,800 |
| 12-14 | Fee for priority document | | | |
| | Number of priority documents requested | 1 | | |
| 12-15 | Fee per document (X) | 1,400 | | |
| 12-16 | Total priority document fee | P | ⇒ | 1,400 |
| 12-17 | TOTAL FEES PAYABLE (T+S+I+P) | ⇒ | 288,700 | |
| 12-19 | Mode of payment | Transmittal fee: revenue stamps Search fee: bank draft International fee: bank draft Priority document fee: revenue stamps | | |

PCT (ANNEX - FEE CALCULATION SHEET)

P31667-P0

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VALIDATION LOG AND REMARKS

| | | |
|-------------|---|---|
| 13-1-1 | Applicant remarks | 10921 Patent Attorney NII, Hiromori |
| 13-2-3 | Validation messages Names | Green? Applicant 1.:Telephone No. missing |
| | | Green? Applicant 1.:Facsimile No. missing |
| 13-2-1 0 | Validation messages Annotate | Green? All indications that can be made on the Request form are specifically provided for by the software. Please confirm validity of additional indication. |
| 13-2-1 1 | Validation messages For receiving Office/International Bureau use only | Green? Verify electronic data for consistency against printed form. |

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PCT-EASY INFORMATION SHEET

(For applicant use only, DO NOT submit this sheet with the international application)

VALIDATION LOG

| | |
|--------|--|
| Green? | Names Applicant 1.:Telephone No. missing Applicant 1.:Facsimile No. missing |
| Green? | Annotate All indications that can be made on the Request form are specifically provided for by the software. Please confirm validity of additional indication. |
| Green? | For receiving Office/International Bureau use only Verify electronic data for consistency against printed form. |

Before submitting the International Application, please carefully verify that:

- the information contained on printed Request form is correct;
- Box X of the Request form has been signed;
- all elements of the international application as indicated in Boxes VIII and IX of the Request form have been attached; and,
- the diskette containing the PCT-EASY zip file of the International Application has been enclosed and has been clearly labeled "PCT-EASY", with the applicant's or agent's file reference, and the first applicant's name.

ATTENTION

DO NOT modify any indications on the Request form printout. The electronic version of the PCT-EASY application has been locked. If an error or an omission is discovered at this time, you must reopen the stored form for submission, perform necessary amendments and immediately resubmit the form. Finally, a NEW submission diskette must be created manually by resending the corrected stored form to the diskette. The previously created printout and submission diskette must be destroyed in order to prevent the possibility of erroneously sending it to the RO.